

Converting Colors

YUV(170.3340, -47.4927,
-73.9609)

Have a look what the booklet for
YUV(170.3340, -47.4927, -73.9609)
contains.

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Color

**YUV(170.3340, -47.4927,
-73.9609)**

Conversions

Conversions Part 1

Format	Color
Hex	56E84A
RGB	86, 232, 74
RGB Percent	34%, 91%, 29%
CMY	0.6627, 0.0902, 0.7098
CMYK	0.63, 0.00, 0.68, 0.09
HSL	115°, 77%, 60%
HSV	115°, 68%, 91%
XYZ	33.9304, 60.1861, 16.3073
YIQ	170.3340, -36.2980, -80.0900

Conversions

Conversions Part 2

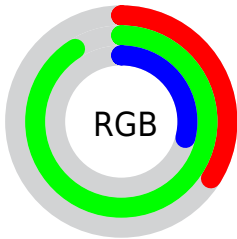
Format	Color
RYB	74, 232, 220
Decimal	5695562
CIELab	81.94, -67.46, 62.65
CIELCh	82, 92.063, 137.117
Yxy	60.1861, 0.3073, 0.5450
Android (android.graphics.Color)	4283885642 (0xFF56E84A)
YUV	170.3340, -47.4927, -73.9609
Hunter-Lab	77.5797, -57.6953, 41.8430

Details

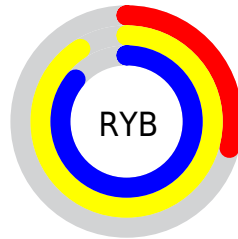
The YUV color $170.3340, -47.4927, -73.9609$ is a dark color, and the websafe version is hex $66FF66$. The color can be described as dark muted green. A complement of this color would be $135.6660, 47.4927, 73.9609$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.6540, -39.2694, -51.4396$, and $102.7250, -50.6434, -90.0898$ is the 20% darker color. If you saturate the color by 10%, you get $161.4330, -54.4435, -84.5717$, and if you desaturate by 10%, it is $179.2350, -40.5419, -63.3501$.

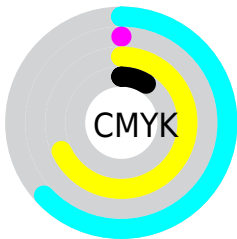
Distribution



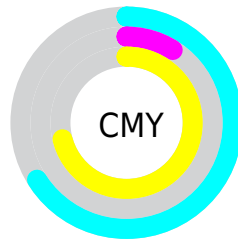
- Red (34%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (86%)



- Cyan (63%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)



- Cyan (66%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3340, -47.4927, -73.9609 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 170.3340, -47.4927, -73.9609 by changing the saturation by 10% instead.

■ 170.3340,
-47.4927, -73.9609

■ 170.3340,
-47.4927, -73.9609

■ 255.0000, 0.0000,
0.0000

■ 138.2300,
-46.4554, -80.0087

■ 209.6540,
-39.2694, -51.4396

■ 102.7250,
-50.6434, -90.0898

■ 221.8160,
-31.4613, -35.7956

■ 86.2890, -42.5405,
-75.6755

■ 234.2770,
-23.8006, -19.5369

■ 70.4400, -34.7269,
-61.7759

■ 246.8520,
-15.7030, -3.3782

■ 55.1780, -27.2028,
-48.3911

■ 253.7460, -4.8048,
1.0998

■ 40.5030, -19.9680,
-35.5211

■ 26.4150, -13.0226,

-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 170.3340,
-47.4927, -73.9609

■ 170.3340,
-47.4927, -73.9609

■ 161.4330,
-54.4435, -84.5717

■ 179.2350,
-40.5419, -63.3501

■ 152.2330,
-61.2469, -95.7973


■ 188.4350,
-33.7385, -52.1245


■ 143.2180,
-68.6345, -106.3082

■ 197.4500,
-26.3508, -41.6136

■ 141.5660,
-69.7920, -108.3674

■ 206.6500,
-19.5475, -30.3881

 215.5510,
-12.5966, -19.7772

 224.7510, -5.7932,
-8.5516

 233.6520, 1.1576,
2.0592

 241.4990, 6.6560,
11.8404

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185.1080, -91.2582, 10.4293



170.3340, -47.4927, -73.9609



159.9350, 1.0180, -140.2630

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170.3340, -47.4927, -73.9609



161.1450, 46.2705, -141.3242



161.1750, -1.5653, 82.2845

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



170.3340, -47.4927, -73.9609



135.6660, 47.4927, 73.9609

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



172.8540, 35.5680, 72.0420



170.3340, -47.4927, -73.9609



177.8980, 38.0113, -58.6695

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



170.3340, -47.4927, -73.9609



169.3630, 42.2190, -148.5314



196.8870, 28.6497, 50.9651



172.0130, -46.3484, 72.7796

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



170.3340, -47.4927, -73.9609



168.0630, 27.0839, -147.3913



196.8870, 28.6497, 50.9651



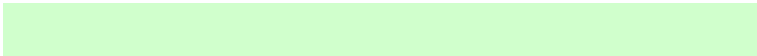
161.5460, 12.5488, 81.9592

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



170.3340, -47.4927, -73.9609



235.1330, -15.3486, -23.7956



206.3570, -65.2520, 22.4889



115.7950, -9.2659, -14.7292



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



170.3340, -47.4927, -73.9609



173.4670, -62.8412, -97.7566



174.2700, -16.8951, -87.9368



110.3430, -3.6201, -5.5628



109.2590, -53.8647, -83.5421



31.1330, -15.3486, -23.7956

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



135.6660, 47.4927, 73.9609



127.5330, 62.8412, 97.7566



131.7300, 16.8951, 87.9368



107.6570, 3.6201, 5.5628



69.7410, 53.8647, 83.5421



19.8670, 15.3486, 23.7956

Previews

White Background



This preview shows how the YUV color 170.3340, -47.4927, -73.9609 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 170.3340, -47.4927, -73.9609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 170.3340, -47.4927, -73.9609 Background



This preview shows how black text looks on a background with the YUV color 170.3340, -47.4927, -73.9609.



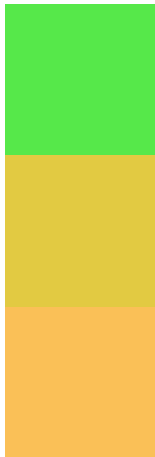
This preview shows how white text looks on a background with the YUV color 170.3340, -47.4927, -73.9609.

-73.9609.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

170.3340, -47.4927, -73.9609

Protanopia

193.6720, -62.9423, 28.3517

Deuteranopia

197.3720, -54.4134, 46.1548



Tritanopia

191.1310, 21.1344, -58.8739

Trichromacy



Original Color

170.3340, -47.4927, -73.9609



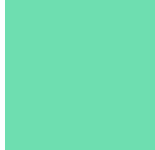
Protanomaly

185.2220, -57.2974, -8.9647



Deuteranomaly

187.6670, -52.0938, 2.0460



Tritanomaly

183.2680, -3.5831, -64.2560

Monochromacy



Original Color

170.3340, -47.4927, -73.9609



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.2420, -17.3743, -27.3992

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3340, -47.4927, -73.9609 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(86, 232, 74)` looks like.

```
.text, #text, p{  
    color:rgb(86, 232, 74)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(86, 232, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 232, 74) }
```

Border

The CSS property to change the border of an element to YUV 170.3340, -47.4927, -73.9609 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(86, 232, 74) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(86, 232, 74) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(86, 232, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 232, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 232, 74);  
box-shadow:4px 4px 4px 4px rgb(86, 232,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 170.3340, -47.4927, -73.9609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 232, 74) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(86, 232,  
74) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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